

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated October 18, 2005 has been received and its contents carefully reviewed.

By this Response, claims 1 and 27 have been amended, and claim 30 has been cancelled without prejudice or disclaimer of the subject matter recited therein. No new matter has been added. Claims 1, 4-5, 26-29 and 31-35 are pending in the application. Reconsideration and withdrawal of the rejection in view of the above amendments and the following remarks are respectfully requested.

In the Office Action, claims 1, 4-5 and 26-35 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,380,559, issued to Park et al. (hereafter "Park") in view of U.S. Patent No. 6,665,039, issued to Glowonia et al. (hereafter "Glowonia"). Applicants respectfully traverse the rejection because neither Park nor Glowonia, analyzed alone or in any combination, teaches or suggests the combined features recited in the claims of the present application. In particular, Park and Glowonia fail to teach or suggest a liquid crystal display panel that includes, among other features, "a protection film on the insulating film and covering the gate line, the gate pads, the data lines and the data pads; a plurality of pad links on the protection film and connecting the gate lines and the gate pads, and the data lines and the data pads, wherein the plurality of pad links are formed of a transparent conductive film" as recited in amended independent claim 1 of the present application.

Park and Glowonia further fail to teach or suggest a liquid crystal display device that includes, among other features, "a protection film on the insulating film and covering the

plurality of pads and lines; a plurality of pad links formed of a transparent conductive film on the protection film and connecting the pads and lines” as recited in independent claim 27 of the present application.

The Office Action concedes that Park fails to “explicitly specify that a photo-hardening sealant between first and second substrates and that the plurality of pad links are formed of a transparent conductive film”(see, Office Action page 3, lines 7-9, and page 4, lines 7-9). Based upon the teachings of Glowntia, the Office Action concludes that it would have been obvious to one of ordinary skill in the art of liquid crystals “to modify Park in view of Glowntia to cure a seal and for optimal adhesion of substrates”. Applicants respectfully disagree.

Glowntia discloses “a structure (and method of forming the structure) includes an electrically conducting pattern on at least one of two substrates to be combined with the other of the two substrates via a seal” (col. 2, lines 23-26). However, Applicants submit Glowntia fails to teach “a protection film on the insulating film and covering the gate lines, the gate pad, the data lines and the data pads” and “a plurality of pad links on the protection film and connecting the gate lines and the gate pads, and the data lines and the data pads” as recited in independent claim 1 of the present application.

Because Glowntia fails to teach these features of claim 1, Glowntia fails to remedy the deficient teachings of Park such that any combination of Park and Glowntia (which Applicants do not concede there is proper motivation to combine) would provide a liquid crystal display panel having the combined structure recited in independent claim 1 of the present application. Accordingly, independent claim 1 and its dependent claims 4, 5 and 26 are allowable over Park and Glowntia.

Glownia also fails to teach a liquid crystal display panel that includes “a protection film on the insulating film and covering the plurality of pads and lines” and “a plurality of pad links formed of a transparent conductive film on the protection film and connecting the pads and the lines”, as recited in independent claim 27 of the present application. Because Glownia fails to teach or suggest at least these features of claim 27, Glownia fails to remedy the deficient teachings of Park such that any combination of Park and Glownia would provide a liquid crystal display panel having the combined structure recited in independent claim 27 of the present application. Accordingly, independent claim 27 and its dependent claims 28-29 and 31-35 are allowable over any combination of Park and Glownia.

Reconsideration and withdrawal of the rejection are respectfully requested.

Applicants believe the foregoing amendments and remarks place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

Application No.: 10/786,109
Amendment dated January 18, 2006
Reply to Office Action dated October 18, 2005

Docket No.: 8734.046.D1

If these papers are not considered timely filed by the Patent and Trademark Office, then
apetitionis hereby made under 37 C.F.R. §1.136, and any additional fees required under 37
C.F.R. §1.136for any necessary extension of time, or any other fees required to complete the
filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any
overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: January 18, 2006

Respectfully submitted,

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